

DEREK W. FREIHAUT, FCAS, MAAA

Principal and Consulting Actuary | Bloomington, Illinois



Derek has considerable experience in assignments involving loss reserving, funding studies, loss cost projections, captive feasibility studies, risk transfer analyses, and personal and commercial lines ratemaking.

Prior to joining Pinnacle, Derek was employed at a large insurance company, where his responsibilities included personal and commercial lines pricing. His pricing duties included private passenger and commercial auto, commercial multi-peril and rental program lines of business.

Currently, Derek advises multiple self-insured entities, captives and insurance companies on matters relating to setting rates and financial reporting of unpaid claims liabilities, routinely presenting to boards of directors and executive committees charged with financial reporting. In addition, he assists several government entities' programs on matters relating to setting rates and estimating unpaid claims liabilities, and aids in regulatory review of rate filings and financial examinations.

He also assists in the internal audit process of numerous insurance companies for several different accounting firms, and assists state insurance departments, audit firms and insurance companies on determining risk transfer in reinsurance contracts consistent with FASB 113 and SSAP 62.

- ★ Qualified Actuary per the National Association of Insurance Commissioners (NAIC)
- ★ Qualified to sign statements of actuarial opinion per the American Academy of Actuaries (AAA)

YEARS OF EXPERIENCE

21

AREAS OF FOCUS

Loss Reserving, Funding Studies, Loss Cost Projections, Captive Feasibility Studies, Risk Transfer Analyses, Personal and Commercial Lines Ratemaking

EDUCATION

Rose-Hulman Institute of Technology, 2002
B.S. Mathematics, Economics

CERTIFICATIONS

Casualty Actuarial Society (CAS), Fellow, 2006
American Academy of Actuaries (AAA), Member, 2006

CURRENT VOLUNTEERISM

AAA
Board of Directors, 2022 – Present

THOUGHT LEADERSHIP HIGHLIGHTS

- “Coffee Klatch for Opinion Writers,” with Kathleen Odomirok, Julie Lederer and Margaret Tiller Sherwood, Casualty Loss Reserve Seminar (CLRS), September 2022
- “Risk Transfer and Risk Distribution – An Actuary’s Perspective,” Vermont Captive Insurance Association (VCIA) Annual Conference, August 2022
- “Expected Adverse Deviation as a Measure of Risk Distribution,” with Christopher Holt and Robert Walling III, Variance, November 2021
- “Determining Risk Distribution,” *Best’s Review, Issues & Answers*, August 2021
- “Actuarial Perspectives on Risk Distribution for Captives,” with Ryan Work, Eric Anderson and Alan Fine, Self-Insurance Institute of America (SIIA)’s National Conference and Expo, October 2021
- “Maximizing the Value of Your Actuarial Report and Opinion,” with Kathleen Odomirok, Michael Toothman, Susan Andrews, Richard Gergasko, CLRS, September 2021
- “Risk Distribution,” *Best’s Review, Issues & Answers*, April 2018

PROFESSIONAL PUBLICATIONS

- “Expected Adverse Deviation as a Measure of Risk Distribution,” with Christopher Holt and Robert Walling III, *Variance*, November 2021
- “Determining Risk Distribution,” *Best’s Review, Issues & Answers*, August 2021
- “Captive Formation: An Actuary’s Point of View,” Pinnacle Blog, May 2021
- “Risk Distribution,” *Best’s Review, Issues & Answers*, April 2018
- “Can the Black-Scholes Model Estimate How Much Premium is Too Much?” with Timothy Mosler, Pinnacle Blog, October 2017
- “Estimating Liabilities for Losses and Loss Adjustment Expenses,” with Laura Maxwell, Insurance Accounting and Systems Association (IASA) *Property & Casualty Insurance Accounting Textbook – 9th Edition*, Chapter 5, 2016
- “A Case for Peer Review,” *Best’s Review, Issues & Answers*, January 2016
- “Communication is Key to Successful Collateral Negotiations,” *Pinnacle Actuarial Resources Monograph Program*, January 2015
- “Loss Reserves: The IRS’ Kryptonite or Gold Mine?” with Brandy Vannoy, *Inside Medical Liability*, Third Quarter 2014
- “Pinnacle of Success,” *Best’s Review, Issues & Answers*, August 2013
- “Common Pitfalls and Practical Considerations in Risk Transfer Analysis,” *CAS E-Forum*, Spring 2009
- “Actuarial Details of Risk Transfer Come to the Forefront,” *The Interpreter*, 2009

PROFESSIONAL PRESENTATIONS

- “Coffee Klatch for Opinion Writers,” with Kathleen Odomirok, Julie Lederer and Margaret Tiller Sherwood, CLRS, September 2022
- “Statements of Actuarial Opinion at Year-End,” with Aaron Hillebrandt, Pinnacle APEX Webinar, January 2022 – 2021
- “Risk Transfer and Risk Distribution – An Actuary’s Perspective,” VCA Annual Conference, August 2022
- “State of the Florida Homeowners Market,” with Arthur Randolph II, Pinnacle APEX Webinar, November 2021 – 2017
- “Actuarial Perspectives on Risk Distribution for Captives,” with Ryan Work, Eric Anderson and Alan Fine, SIIA’s National Conference and Expo, October 2021
- “Maximizing the Value of Your Actuarial Report and Opinion,” with Kathleen Odomirok, Michael Toothman, Susan Andrews, Richard Gergasko, CLRS, September 2021
- “Expected Adverse Development as a Measure of Risk Distribution,” with Robert Walling III, Pinnacle APEX Webinar, March 2018
- “Current Actuarial Issues in Captive Insurance,” with Robert Walling III, Pinnacle APEX Webinar, October 2017

EXPERT TESTIMONY

Riverview-Trenton Railroad Company and Central Transport, LLC 2018

APPOINTED ACTUARY

A. Central Insurance Company	2013 – Present
Amalgamated Casualty Insurance Company	2019 – Present
American Integrity Insurance Company of Florida, Inc.	2019 – 2020
Edison Insurance Company	2016 – Present
Employers’ Fire Insurance Company	2014
Enumclaw Property and Casualty Insurance Company	2014 – Present
FBAlliance Insurance Company	2016 – Present
Fidelity Fire & Casualty Company	2014
First Protective Insurance Company	2014 – Present
Florida Peninsula Insurance Company	2016 – Present

Frontline Insurance Unlimited Company	2015 – Present
Galen Insurance Company	2013 – 2016
Governmental Interinsurance Exchange	2014
Insurance Placement Facility of Pennsylvania	2021 – Present
Lawyers Mutual Insurance Company of Kentucky	2014 – Present
Mutual of Enumclaw Insurance Company	2014 – Present
National Direct Insurance Company	2019 – Present
National Fire and Casualty Company	2014
Nevada General Insurance Company	2014 – 2015
New York Central Mutual Fire Insurance Company	2013 – Present
One Beacon America Insurance Company	2014
One Beacon Insurance Company	2014
PEMCO Mutual Insurance Company	2015 – Present
Potomac Insurance Company	2014
Spinnaker Insurance Company	2015 – Present
Underwriters at Lloyd's, London Admitted in the State of Illinois	2012 – Present
Wisconsin Health Care Liability Insurance Plan	2019 – Present
Workers Compensation Exchange	2022 – Present

EMPLOYMENT HISTORY

Pinnacle Actuarial Resources, Inc.	2006 – Present
State Farm Insurance	2002 – 2006

PAST VOLUNTEERISM

AAA

Committee on Property and Liability Financial Reporting (COPLFR)	
Chair	2020 – 2022
Vice Chair	2019 – 2020
Member	2015 – 2019

CAS

CAS University Liaison Committee	2015 – 2022
Education Policy Committee	
Chairperson	2011 – 2014
Vice Chairperson	2011
Member	2011, 2014 – 2018
Syllabus Committee	2006 – 2014